

# RAW SEQUENCE LISTING ERROR REPORT

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Application Serial Number:

Source:

Date Processed by STIC:

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PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE: LISTINGS, PLEASE USE THE CHECKER
VERSION 4.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom. Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

- 1. EFS-Bio (<a href="http://www.uspto.gov/ebc/efs/downloads/documents.htm">http://www.uspto.gov/ebc/efs/downloads/documents.htm</a>, EFS Submission User Manual ePAVE)
- 2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
- 3. Hand Carry, Rederal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04):
  U.S. Patent and Trademark Office, 220 20<sup>th</sup> Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202

Revised 05/17/04



IFW16

RAW SEQUENCE LISTING DATE: 11/23/2004
PATENT APPLICATION: US/09/911,703B TIME: 14:40:17

Input Set : D:\09-911703\_SL5.txt

<110> APPLICANT: Biogen Idec Inc.
 Anderson, Darrell R.

4

```
Rastetter, William H.
      5
              Hanna, Nabil
      6
      7
              Leonard, John E.
      8
              Newman, Roland
      9
              Reff, Mitchell
     11 <120> TITLE OF INVENTION: THERAPEUTIC APPLICATION OF CHIMERIC AND RADIOLABELED
ANTIBODIES
    12
              TO HUMAN B LYMPHOCYTE RESTRICTED DIFFERENTIATION ANTIGEN FOR
     13
              TREATMENT OF B CELL LYMPHOMA
     15 <130> FILE REFERENCE: 27693-01008
     17 <140> CURRENT APPLICATION NUMBER: 09/911,703B
        <141> CURRENT FILING DATE:
                                   2001-07-25
                    APPLICATION NUMBER:
                                                                   Does Not Comply
                                                                            rd Diskette Needed
                        SEO ID NOS:
        <160> NUMBER OF
       <210> SEQ ID NO:
     27 <211> LENGTH: 8540
     28 <212> TYPE: DNA
     29 <213> ORGANISM: Artificial
   > 30 <220> FEATURE:
     31 <223> OTHER INFORMATION: vector
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                                                                               60
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                                                                               120
     35 ggagaatggg cggaactggg cggagttagg ggcgggatgg gcggagttag gggcgggact
                                                                               180
    36 atggttgctg actaattgag atgcatgctt tgcatacttc tgcctgctgg ggagcctggg
                                                                               240
    37 gactttccac acctggttgc tgactaattg agatgcatgc tttgcatact tctgcctgct
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    38 ggggageetg gggaetttee acacectaae tgacacacat tecacagaat taatteeect
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     39 agttattaat agtaatcaat tacggggtca ttagttcata gcccatatat ggagttccqc
                                                                               420
    40 gttacataac ttacggtaaa tggcccgcct ggctgaccgc ccaacgaccc ccgcccattg
    41 acgtcaataa tgacgtatgt tcccatagta acgccaatag ggactttcca ttgacgtcaa
                                                                              540
    42 tgggtggact atttacggta aactgcccac ttggcagtac atcaagtgta tcatatgcca
                                                                              600
    43 agtacgcccc ctattgacgt caatgacggt aaatggcccg cctggcatta tgcccagtac
                                                                              660
    44 atgacettat gggaetttee taettggeag taeatetaeg tattagteat egetattaee
                                                                              720
                                                                              780
    45 atggtgatgc ggttttggca gtacatcaat gggcgtggat agcggtttga ctcacgqqqa
    46 tttccaagtc tccaccccat tgacgtcaat gggagtttgt tttggcacca aaatcaacqq
                                                                              840
    47 qactttccaa aatgtcgtaa caactccgcc ccattgacgc aaatgggcgg taggcgtgta
                                                                              900
    48 cggtgggagg tetatataag cagagetggg tacgtgaace gteagatege etggagaege
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    49 catcacagat ctctcaccat gagggtcccc gctcagctcc tggggctcct gctgctctgg
                                                                             1020
    50 ctcccaggtg cacgatgtga tggtaccaaq qtqqaaatca aacqtacggt ggctqcacca
                                                                             1080
    51 tetgtettea tetteeegee atetgatqaq caqttqaaat etggaactge etetqttqtq
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# RAW SEQUENCE LISTING DATE: 11/23/2004 PATENT APPLICATION: US/09/911,703B TIME: 14:40:17

Input Set : D:\09-911703\_SL5.txt

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55	tgcgaagtca	cccatcaggg	cctgagctcg	cccgtcacaa	agagcttcaa	caggggagag	1380
56	tgttgaattc	agatccgtta	acggttacca	actacctaga	ctggattcgt	gacaacatgc	1440
57	ggccgtgata	tctacgtatg	atcagcctcg	actgtgcctt	ctagttgcca	gccatctgtt	1500
58	gtttgcccct	ccccgtgcc	ttccttgacc	ctggaaggtg	ccactcccac	tgtcctttcc	1560
59	taataaaatg	aggaaattgc	atcgcattgt	ctgagtaggt	gtcattctat	tctggggggt	1620
60	ggggtgggc	aggacagcaa	gggggaggat	tgggaagaca	atagcaggca	tgctggggat	1680
61	gcggtgggct	ctatggaacc	agctggggct	cgacagctat	gccaagtacg	cccctattg	1740
62	acgtcaatga	cggtaaatgg	cccgcctggc	attatgccca	gtacatgacc	ttatgggact	1800
63	ttcctacttg	gcagtacatc	tacgtattag	tcatcgctat	taccatggtg	atgcggtttt	1860
			ggatagcggt				1920
			ttgttttggc				1980
			acgcaaatgg				2040
			ctcacattca				2100
			gctcttcctt				2160
			cctggcaccc				2220
			ggactacttc				2280
			gcacaccttc				2340
			cgtgccctcc				2400
			caacaccaag				2460
			accgtgccca				2520
			caaggacacc				2580
			ccacgaagac				2640
			caagacaaag				2700
			cgtcctgcac				2760
							2820
			cctcccagcc				2880
			ggtgtacacc				2940
			cctggtcaaa				3000
			ggagaacaac				
			cagcaagctc				3060
			gatgcatgag				3120
			atgaggatcc				3180
			gatatctacg				3240
			ccctcccccg				3300
			aatgaggaaa				3360
			gggcaggaca				3420
			ggctctatgg				3480
			ctcaatttct				3540
			agttgattga				3600
93	agacagtgtt	ctctgcacag	ataaggacaa	acattattca	gagggagtac	ccagagctga	3660
94	gactcctaag	ccagtgagtg	gcacagcatt	ctagggagaa	atatgcttgt	catcaccgaa	3720
95	gcctgattcc	gtagagccac	accttggtaa	gggccaatct	gctcacacag	gatagagagg	3780
96	gcaggagcca	gggcagagca	tataaggtga	ggtaggatca	gttgctcctc	acatttgctt	3840
97	ctgacatagt	tgtgttggga	gcttggatag	cttggacagc	tcagggctgc	gatttcgcgc	3900
			gcgtgaaggc				3960
			cgtcgccgtg				4020
						gaccacaacc	4080
	_			=,	_	-	

# RAW SEQUENCE LISTING DATE: 11/23/2004 PATENT APPLICATION: US/09/911,703B TIME: 14:40:17

Input Set : D:\09-911703\_SL5.txt

				•	*			
1	.01	${\tt tcttcagtgg}$	aaggtaaaca	gaatctggtg	attatgggta	ggaaaacctg	gttctccatt	4140
			atcgaccttt					4200
1	.03	gaaccaccac	gaggagctca	ttttcttgcc	aaaagtttgg	atgatgcctt	aagacttatt	4260
1	.04	gaacaaccgg	aattggcaag	taaagtagac	atggtttgga	tagtcggagg	cagttctgtt	4320
1	.05	taccaggaag	ccatgaatca	accaggccac	cttagactct	ttgtgacaag	gatcatgcag	4380
1	.06	gaatttgaaa	gtgacacgtt	tttcccagaa	attgatttgg	ggaaatataa	acttctccca	4440
1	.07	gaatacccag	gcgtcctctc	tgaggtccag	gaggaaaaag	gcatcaagta	taagtttgaa	4500
1	.08	gtctacgaga	agaaagacta	acaggaagat	gctttcaagt	tctctgctcc	cctcctaaag	4560
1	.09	tcatgcattt	ttataagacc	atgggacttt	tgctggcttt	agatcagcct	cgactgtgcc	4620
1	.10	ttctagttgc	cagccatctg	ttgtttgccc	ctccccgtg	ccttccttga	ccctggaagg	4680
			actgtccttt					4740
			attctggggg					4800
			catgctgggg					4860
			tctcaatttc					4920
			tagttgattg					4980
			gataaggaca					5040
			ggcacagcat					5100
			caccttggta					5160
			atataaggtg					5220
			agcttggatc					5280
			tgggtggaga					5340
			gccgtgttcc					5400
			ggtgccctga					5460
			gttccttgcg					5520
			ggcgaagtgc					5580
			atcatggctg					5640
			caccaagcga					5700
			caggatgatc					5760
			aaggcgcgca					5820
			aatatcatgg					5880
			gcggaccgct					5940
			gaatgggctg					6000
			gccttctatc					6060
			accaagcgac					6120
			ggttgggctt					6180
			tcatgctgga					6240
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			gtttgtccaa					6360
			gagettggeg					6420
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			ctaactcaca					6540
			ccagctgcat					6600
			ttccgcttcc					6660
			ageteactea					6720
			catgtgagca					6780 6840
			tttccatagg					6840
			gcgaaacccg					6900 6960
			ctctcctgtt					7020
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### RAW SEQUENCE LISTING DATE: 11/23/2004 PATENT APPLICATION: US/09/911,703B TIME: 14:40:17

Input Set : D:\09-911703 SL5.txt

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    150 tegttegete caagetggge tgtgtgeaeg aaceceegt teagecegae egetgegeet
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     151 tatcoggtaa ctatcgtctt gagtccaacc cggtaagaca cgacttatcq ccactggcag
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    152 caqccactgg taacaqqatt agcagagcga ggtatgtagg cqqtqctaca gagttcttga
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    153 agtggtggcc taactacggc tacactagaa ggacagtatt tggtatctgc gctctgctga
                                                                              7320
    154 agccagttac cttcggaaaa agagttggta gctcttgatc cggcaaacaa accaccgctg
                                                                              7380
     155 qtaqcqqtgq tttttttqtt tqcaaqcaqc aqattacqcq caqaaaaaa ggatctcaag
     156 aagateettt gatetttet acggggtetg acgeteagtg gaacgaaaac teacgttaag
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     157 ggattttggt catgagatta tcaaaaagga tcttcaccta gatcctttta aattaaaaat
                                                                              7500
                                                                              7560
     158 gaagttttaa atcaatctaa agtatatatg agtaaacttg gtctgacagt taccaatgct
     159 taatcaqtga qqcacctatc tcaqcqatct qtctatttcq ttcatccata gttgcctgac
                                                                              7620
     160 tecceqteqt gtagataact acgatacggg agggettace atetggeece agtgetgeaa
                                                                              7680
     161 tgataccgcg agacccacgc tcaccggctc cagatttatc agcaataaac cagccagccg
                                                                              7740
     162 gaagggccga gcgcagaagt ggtcctgcaa ctttatccgc ctccatccag tctattaatt
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     163 qttqccqqqa aqctagagta agtagttcgc cagttaatag tttgcgcaac gttgttgcca
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     164 ttgctacagg catcgtggtg tcacgctcgt cgtttggtat ggcttcattc agctccggtt
                                                                              7920
     165 cccaacgatc aaggcgagtt acatgatccc ccatgttgtg caaaaaaagcg gttagctcct
                                                                              7980
     166 tcggtcctcc gatcgttgtc agaagtaagt tggccgcagt gttatcactc atggttatgg
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     167 cagcactgca taattetett actgteatge catecgtaag atgettttet gtgaetggtg
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     168 agtactcaac caagtcattc tgagaatagt gtatgcggcg accgagttgc tcttgcccgg
                                                                              8160
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     169 cgtcaatacg ggataatacc gcgccacata gcagaacttt aaaagtgctc atcattggaa
     170 aacgttcttc ggggcgaaaa ctctcaagga tcttaccgct gttgagatcc agttcgatgt
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     171 aacccacteg tgcacccaac tgatcttcag catcttttac tttcaccagc gtttctgggt
                                                                              8340
     172 gagcaaaaac aggaaggcaa aatgccgcaa aaaagggaat aagggcgaca cggaaatgtt
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     173 gaatactcat actcttcctt tttcaatatt attgaagcat ttatcagggt tattgtctca
                                                                              8460
     174 tgagcggata catatttgaa tgtatttaga aaaataaaca aataggggtt ccgcgcacat
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     175 ttccccgaaa agtgccacct
     177 <210> SEQ ID NO: 2
     178 <211> LENGTH: 9209
     179 <212> TYPE: DNA
     180 <213> ORGANISM: Artificial
W--> 181 <220> FEATURE:
     182 <223> OTHER INFORMATION: vector with chimeric antibody sequence
W--> 183 <400> SEQUENCE: 2
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     185 aqqccqaqqc qqcctcqqcc tctqcataaa taaaaaaaat tagtcagcca tgcatggggc
                                                                               120
     186 qqaqaatggq cggaactggg cggagttagg ggcgggatgg gcggagttag gggcgggact
                                                                               180
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     188 gactttccac acctggttgc tgactaattg agatgcatgc tttgcatact tctgcctgct
                                                                               300
     189 ggggageetg gggaetttee acaccetaac tgacacacat tecacagaat taatteeect
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     190 aqttattaat agtaatcaat tacggggtca ttagttcata gcccatatat ggagttccgc
                                                                               420
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                                                                               540
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    194 agtacgcccc ctattgacgt caatgacggt aaatggcccg cctggcatta tgcccagtac
                                                                               660
     195 atgacettat gggaetttee tacttggeag tacatetaeg tattagteat egetattaee
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     196 atggtgatgc ggttttggca gtacatcaat gggcgtggat accggtttga ctcacgcgga
                                                                               780
     197 tttccaagtc tccaccccat tgacgtcaat gggagtttgt tttggcacca aaatcaacgg
                                                                               840
    198 gactttccaa aatgtcgtaa caactccgcc ccattgacgc aaatgggcgg taggcgtgta
                                                                               900
                                                                               960
     199 cggtgggagg tctatataag cagagctggg tacgtgaacc gtcagatcgc ctggagacgc
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### RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/911,703B

DATE: 11/23/2004 TIME: 14:40:17

Input Set : D:\09-911703\_SL5.txt

200	catcacagat	ctctcactat	ggattttcag	gtgcagatta	tcagcttcct	gctaatcagt	1020
				gttctctccc			1080
202	gcatctccag	gggagaaggt	cacaatgact	tgcagggcca	gctcaagtgt	aagttacatc	1140
203	cactggttcc	agcagaagcc	aggatcctcc	cccaaaccct	ggatttatgc	cacatccaac	1200
204	ctggcttctg	gagtccctgt	tcgcttcagt	ggcagtgggt	ctgggacttc	ttactctctc	1260
				gccacttatt			1320
				ctggaaatca			1380
				cagttgaaat			1440
				gccaaagtac			1500
				acagagcagg			1560
				gcagactacg			1620
				cccgtcacaa			1680
				actacctaga			1740
				actgtgcctt			1800
				ctggaaggtg			1860
				ctgagtaggt			1920
				tgggaagaca			1980
				cgacagctat			2040
				attatgccca			2100
				tcatcgctat			2160
				ttgactcacg			2220
				accaaaatca			2280
				gcggtaggcg			2340
				gtgatcagca			2400
				gtcgctgttg			2460
				gtgaagcctg			2520
				tacaatatgc			2580
				tatcccggaa			2640
				gcagacaaat			2700
229	cageteagea	gcctgacatc	tgaggactct	gcggtctatt	actqtqcaaq	atcgacttac	2760
				ggcgcaggga			2820
				ctggcaccct			2880
				gactacttcc			2940
				cacaccttcc			3000
				gtgccctcca			3060
				aacaccaagg			3120
				ccgtgcccag			3180
				aaggacaccc			3240
				cacgaagacc			3300
239	tacqtqqacq	gcqtqqaqqt	gcataatgcc	aagacaaagc	cgcgggagga	gcagtacaac	3360
				gtcctgcacc			3420
				ctcccagccc			3480
				gtgtacaccc			3540
				ctggtcaaag			3600
				gagaacaact			3660
				agcaagctca			3720
				atgcatgagg			3780
				tgaggatccg			3840
				atatctacgt			3900

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/911,703B

DATE: 11/23/2004 TIME: 14:40:18

Input Set : D:\09-911703 SL5.txt

Output Set: N:\CRF4\1122\overline{2}004\I911703B.raw

#### Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,7,8,9,10,11



Creation date: 12-01-2004

Indexing Officer: NKIDANE - NIGIST M. KIDANE

Team: OIPEScanning Dossier: 10388387

Legal Date: 11-23-2004

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1	CRFE	8

Total number of pages: 8

Remarks:

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